



THE GARZETTE

W4GR

Volume 16, Issue 9

147.075+

444.525+5mhz

53.110 -1mhz

From the Presidents Mic!



QST! QST! de **WA4ZXV, Norm Schlar**

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I'm just waking up from the long weekend out in the fresh air and sunshine. Another dog show adventure under my belt. I know a lot more about the metabolism of dogs than I ever wanted to know. I saw dogs from miniature to monster. I saw cars that looked like the owner, and owners that looked like their dogs. But on top of that, I spent a few minutes with many of you and hours with others. If you missed this month's activities, there is always another chance in February. Thanks everyone that helped!

The turnout at our meetings has been great. A lot of credit for that goes to our program chairperson, David (W4DTR) and the great lineup of programs. This month's meeting will be another great presentation, *Log Book of the World*. Mike Weathers (ND4V) will be showing us how it works and explaining how we can all experience the online experience of sharing contact confirmation.

Have you ever thought of a program you would like to have at GARS? Is there some topic you would like to have covered during a meeting that we are overlooking? Do you have a hobby or skill or knowledge of a subject that you believe GARS members would be interested? Well, don't be shy! Send David (W4DTR) or me a note, or catch us at a meeting. David is good at planning programs, but he could always use some help.

There are several new members, and many of them are new to Amateur Radio. For you old timers, yes that's you if you've had a license for a couple years, take time to explain some of the jargon, synonyms and slang to the new folks. For you new folks, don't be afraid to ask. If you are not sure what's going on, there are probably three others in listening distance that don't understand either.

GARS will be proudly engaged with Scouting's *50th Jamboree On The Air - 20 October 2007*. Our plans are to invite area Scouts and GARS members to participate by attending our open house activities during the day. We will setup VHF/UHF and HF stations for Scouts and GARS members to participate in JOTA and practice some HF radio skills. This will be a great time for members new to HF radio operations to see us in operation, ask a few questions and GET on the AIR. We will be setup at the Scout Lodge just outside of Rhodes Jordan Park, behind the ball fields. Better directions to follow. As is customary, you will be asked to volunteer as station operators, greeters for guests, erect antenna systems and help store the equipment after the event.

73 and hope to see you soon!
Norm, WA4ZXV

September 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			6m Club net @ 2100			1 Breakfast 0730
2	3 2 m Club net @ 2000	4	5 6m Club net @ 2100	6	7	8 Breakfast 0730
9	10 2 m Club net @ 2000	11 club meeting 7:30 pm	12 6m Club net @ 2100	13	14	15 Breakfast 0730
16	17 2 m Club net @ 2000	18	19 6m Club net @ 2100	20	21	22 Breakfast 0730
23	24 2 m Club net @ 2000	25	26 6m Club net @ 2100	27	28	29 Breakfast 0730

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7:30 PM. Check the Web Site for Location.
- Every Monday at 8 PM local time: GARS Want, Swap, Sell, and Information Net on the GARS 2 meter repeater
- Every Wednesday at 9 PM local time: GARS 6 meter net on the GARS 6 meter repeater
- Every Saturday at 7:30 AM local time: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- 20th of each month: Deadline for submittal of articles for the following month's GARZETTE

The GARZETTE

The GARZETTE is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word format or email to ka4kkf@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary. In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of *The GARZETTE* articles by other amateur radio club newsletters provided that proper credit is given to the individual author and to *The GARZETTE*.

The GARZETTE is published each month with the assistance of Hal Manning, who prints the news letter. Rick Patchin, KD4RFK does the final production work on *The GARZETTE* by folding & labeling. Bill Cherepay, WB4WTN, stamps and gets the end product to the Post Office each month. Norm Schklar, wa4zxv, manages email delivery. Many thanks to each of them and all article contributors. Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

For any additional information contact:
Newsletter Editor:

David Adcock ka4kkf
(770-271-9398)
ka4kkf@arrl.net

All correspondence relating to articles posted in *The GARZETTE* or for information concerning advertising rates should be directed to the following address:

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048
Attn: Newsletter Editor

Metro Atlanta VE Exam Schedule

GARS publishes Metro Atlanta area VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org

First Saturday, Even Months

9:00AM
EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday

7:00 PM
ARRL/VEC
Roberts School
4681 School Street,
Acworth
Jodi Escher AG4BK
770-387-1591

Second Tuesday

7:00PM
Walton EMC
3645 Lenora Church Rd,
Snellville
Wayne Taylor, WD4CCA
(770) 498-7759

Second Saturday, Odd Months

ARRL VEC
8:30 AM
Stone Mountain Methodist
Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9:00AM
Marietta First United
Methodist Church Room 305,
56 Whitlock Ave
Marietta
David Still, WB4RRD
(770) 973-2566

Fourth Tuesday

ARRL VEC
7:00 PM
United Way Service Center
6279 Fairburn Road,
Douglasville

Third Sunday

W5YI VEC
3:00 - 5:00 PM
Gwinnett County Public
Library
2780 Five Forks Trickum Rd
Lawrenceville, GA 30044
770-978-5600
Headphones Provided! Howie
Gould, W9HG (770) 921-8362

Fourth Sunday

2:30 PM
Georgia Tech Student Center
Room 301
David Ziskind, KE4QLH
(404) 966-6864

Metro Atlanta Club Meetings**First Tuesday**

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880 (-)

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820 (-)

N.E. Georgia ARC

Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225 (+)
PL 123.0

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown Rd
& Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760 (-)

Third Tuesday**North Fulton Amateur Radio League**

Alpharetta EOC located at
2970 Webb Bridge Road, in Alpharetta
meeting at 7:30 PM
Talk In - 145.47 (-)

First Saturday

North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca, 10 AM

Minutes not published

2007 Hamfest Schedule from GA Section web page

September 1-2	SHELBY Hamfest
September 8	PRATER'S MILL Hamfest
September 15	Paulding Amateur Radio Club Dallas, GA http://www.pauldingarc.com
October 13	Amateur Radio Club of Augusta
October 20	Al Brock Memorial Hamfest/Computer Show Northwest Georgia Amateur Radio Club Rome, GA
November 3-4	Georgia Section Convention (Stone Mountain Hamfest & Computer Expo) Alford Memorial Radio Club Lawrence, GA http://www.totr-radio.org

Pentagon Amateur Radio Club to Host Special Event Station Commemorating 9/11

(Sep 4, 2007) -- On Sunday, September 9, the Pentagon Amateur Radio Club ([PARC](#)) will operate a Special Event station commemorating the 6th anniversary of the attacks that occurred on the Pentagon, the World Trade Center and over Pennsylvania in 2001. They will be operating on 10, 15, 20, 40 and 80 meters, both phone and CW where and when possible, with plans to operate on a 12 hour basis (1200-2400 UTC). There will be a special QSL card available for stations that work K4AF. For more information, please contact [Claude Hennessey, KG4TVN](#). QSL via PARC, PO Box 2322, Arlington, VA 22202. In addition, club members will operate from the station on Tuesday, September 11 as part of the commemoration. -- *Thx Jeffery W. Wilson, AI4IO*

I've passed my exam, now what?

"Amateur Radio is what you make of it once you get your license," says Jim Haynie, W5JBP, an ARRL President Emeritus.

"Getting a ham ticket doesn't make anyone more intelligent, and learning the ropes usually begins after someone already has a license in hand. You learn by doing," he said.

To get started:

Join the ARRL. You can obtain an e-mail address of ["your call"@arrl.net](mailto:yourcall@arrl.net), you'll receive a monthly magazine, and you'll qualify for group rate insurance for your radio equipment. There are numerous awards that you can earn and many continuing education opportunities.

Join a local club and attend some meetings and club events - if you don't you're missing a lot of the fun. Try several clubs in the area if you are not sure where you can "belong." Remember radio has something for everyone and some clubs focus on things you may not be interested in. Don't be discouraged if it takes a little time to find the right club.

Ask around on the repeaters, then go to an ARES® (Amateur Radio Emergency Services) meeting. Emergency communications are an integral part of Amateur Radio and just showing up at a meeting is OK. It's better to first meet the gang at a meeting than at a disaster.

Make new friends on the local repeaters and IRLP links. Here are a few simple rules to make yourself welcome:

TEN COMMANDMENTS OF REPEATER OPERATING TECHNIQUES

1. FIND a repeater using a repeater directory. Avoid "Kerchunking"
2. LISTEN. Familiarize yourself with its operating procedures
3. TRANSMIT "(your call-sign) Monitoring" is all that needed to attract someone's attention.
Don't call CQ on repeaters.
4. To JOIN a conversation in progress, transmit your call sign between transmissions.
Don't use "break" unless it's an emergency.
5. BE COURTEOUS. Acknowledge all stations wishing to use the repeater. Invite him or her to join in or make a short call to another station that may be monitoring the frequency.
6. PAUSE between transmissions to allow others to join in. Wait for the courtesy "Beep".
7. BREVITY. Keep transmissions short. This permits more people to use the repeater.
8. Always IDENTIFY at end of each series of transmissions or every 10 minutes. You do not need to transmit any other station's call sign. Just yours.
9. Use SIMPLEX whenever possible. Adhere to the band plan.
10. SUPPORT your local repeater groups.

The IRLP uses Voice-Over-Internet Protocol (VoIP) custom software and hardware to link your radio site to the world via the Internet. IRLP operates a network of dedicated servers and nodes offering stable voice communications between hundreds of towns and cities.

DO'S and DON'TS

- DO pause between transmissions to let other in or others to enter DTMF command.
- DO identify before sending DTMF command tones.
- DO hold your microphone PTT for about 1 second before talking to allow all systems time to rise.
- DO NOT rag-chew on your local repeater while connected to the reflector.
- DO pause for 10 seconds or when entering the reflector before talking.
- DO NOT start or plan a Net without pre-authorization from the reflector owner.

Some Helpful Web sites:

This is a collection of articles introducing amateur satellites and related topics. There are other articles you will find in the Links section of this page that may or may not be available as they are hosted on other sites.

<http://www.amsat.org/amsat-new/information/faqs/>

More information about IRLP and repeater operation can be found at: <http://www.pacifier.com/~aiaweb>

Discussion groups where you find information about the modes of amateur radio that interest you:

<http://groups.yahoo.com/group/GARS/>
http://groups.yahoo.com/group/amateur_radio/
<http://groups.yahoo.com/group/hamradiohelpgroup/>
<http://www.eham.net/forums/>
<http://groups.yahoo.com/search?query=amateur+radio>

Sites with lots of links, articles and tools:

<http://arrrl-ga.org/>
<http://www.magiclink.com/web/shurst/Links.html>
<http://www.wr6wr.com/>
<http://www.radioworks.com/index2.html>
<http://home.earthlink.net/~k7bfl/tfctools.html>
<http://www.radioelectronicschool.com/raecourse.html>
<http://www.btinternet.com/~geoffrey.brown3/>
<http://www.njdx.org/hamlinks.shtml>

After joining the ARRL sign up for **Members Only** services:

Go to: <http://www.arrrl.org/members/> and enter the data requested (have your copy of QST handy)

Once you have registered go to: <http://www.arrrl.org/members-only/memdata.html> and scroll down to "modify membership data" and select from the following:

Notification of ARRL membership expiration:

Notification of license expiration:

The ARRL email newsletter, *The ARRL Letter*.

ARRL Contest Rate Sheet (biweekly contest newsletter):

News and information from your Division Director and Section Manager:

(you can keep up to date on what's happening and be part of the action.)

W1AW bulletins:

General/Special:

DX:

Propagation:

Satellite:

Keplerian:

Publication Announcements and Special offers:

Last, but not least: Be proud of being an amateur radio operator. Be proud of your call sign - remember you are the **ONLY** one in the world with that name.

Contact your Section Manager if you have additional questions.

They will be happy to put you in touch with the right people!

Susan Swiderski

AF4FO

<http://arrrl-ga.org/>

Monday Night Net Script

This is a suggested script only. If you are familiar with the net and have your own style, please feel free to continue. ALL CAPITALIZED (RED) LINES ARE DIRECTIONS FOR NET CONTROL EVERYTHING ELSE SHOULD BE READ. FEEL FREE TO MAKE CHANGES AS APPROPRIATE.

CQ.....CQ.....CQ.....CQ

This is (call sign), (phonetically), (name), with the Gwinnett Amateur Radio Society Monday night Want, Swap, Sell and Information net. This net meets every Monday night at 8PM, to help keep amateur radio operators up to date on events and news and allows participants a chance to offer items for sell, trade.

You do not have to be a member of GARS to participate in this net, and all are welcome to join in. This is not an emergency net, however, if there is any emergency traffic during the net, please inform net control by saying "BREAK BREAK" and your call sign, and the net will handle the emergency traffic as required.

The Gwinnett Amateur Radio Society is an amateur radio club serving Gwinnett County, Georgia, in the North Metro Atlanta area. We are a Special Service club affiliated with the ARRL. With over 130 members, GARS is an active part of the Amateur Radio community, and plays an important role in Gwinnett County. We invite you to join us at our next meeting to learn more about us. To learn more about the Gwinnett Amateur Radio Society, please visit our web site at www.gars.org.

When checking in net control asks that you give your call sign once, then again phonetically, and then your name and location. Also, while checking in, please inform net control if you have any swap shop items or announcements.

Remember that to check into our net you do not have to be a member of Gwinnett Amateur Radio Society to check-in.

When checking in, please key down and say "THIS IS", then un-key and listen for others. If you don't hear anyone else doubling, key down and check in. Net control will now take check-ins in the following order:

First: Short Timers, Mobile or Low Power stations.

Second: Officers and Committee Chairs.

Third: Announcements, want, swap, sell, trade items.

Fourth: General Check-ins.

A volunteer to serve as Alternate Net Control Station is needed. The Alternate Net Control should be prepared to assume control at any time if the Net Control Station becomes disabled. Anyone willing to serve as Alternate Net Control for the GARS Net, please call Net Control now.

(callsign) Thank you for being alternate net control.

CHECK-INS

We will now take Short Timers, Mobile, or Low Power check-ins.

TAKE CHECK-INS AND RECORD THEM IN YOUR LOG. VERIFY THE CALL SIGN, NAME AND LOCATION OF EACH CHECK-IN.

We will now take check-ins from Officers or Committee Chairs ONLY

TAKE CHECK-INS AND RECORD THEM IN YOUR LOG. VERIFY THE CALL SIGN, NAME AND LOCATION OF EACH CHECK-IN.

We will now take check-ins from anyone with an item to swap, sell, trade or a want and announcements.

TAKE CHECK-INS AND RECORD THEM IN YOUR LOG. VERIFY THE CALL SIGN, NAME AND LOCATION OF EACH CHECK-IN.

GO TO THE TOP OF THE LIST AND ALLOW THOSE THAT CHECKED IN TO MAKE THEIR ANNOUNCEMENTS.

AFTER ALL ANNOUNCEMENT, ASK IF ANYONE NEEDS FILLS OR REPEATS ON THE ANNOUNCEMENT, THEN THANK THE CHECK-IN FOR THE ANNOUNCEMENT.

AFTER ALL ANNOUNCEMENTS HAVE BEEN MADE PAUSE FOR ADDITIONAL CHECK-INS

Net control (Call Sign) will now take general check-ins.

TAKE CHECK-INS AND RECORD THEM IN YOUR LOG. VERIFY THE CALL SIGN, NAME AND LOCATION OF EACH CHECK-IN.

CONCLUSION

NET CONTROL SHOULD RECAP THE ANNOUNCEMENTS FOR LATE CHECK-INS

Net control (Call Sign) will now recap the announcements.

IF NONE, CONCLUDE THE NET.

This is (call sign), (name) and I will be closing the net at (time) and returning the repeater back to normal use. Thank you (callsign) for being alternate net control. Officers and Committee Chairs of GARS would like to thank all of you for checking in and would ask that you join us here next week at 8:00 pm. Until then 73 this is (call sign) (name) clear.

Do you know a boy or girl
14 to 21 years old
who wants to:

Climb, Hike
Canoe, Camp
Talk on an amateur radio
Have Fun
Tell them about

Venture Crew 73

**We meet the second Tuesday
of each Month at 7:00PM
prior to the GARS meeting at
St. Marguerite D'Youville
Church..**

For more information Visit
www.gars.org/crew73
or contact Ray Back:

Email crew73@gars.org
Phone (770) 295-9174

GARS Communication System

70 Cm Repeater

444.525(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

6 Meter Repeater

53.110 (-1 MHz)
82.5 PL Tone

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

Main Repeater Site

Oak Street, Lawrenceville

Backup Repeater Site

Lanier Mountain, Snellville

Remote Receive Sites

Bogan Road, Buford

Goshen Springs Road,

Norcross

Lanier Mountain, Snellville

Net Needs Net Control Operators!

If you would like to be net control and learn how to operate the net, contact Scott, KF4PWI. We are looking for 2m and 6 m net control operators to fill in the empty spaces in the rotation.

kf4pwi@arrl.net

GARS

APPAREL ORDER FORM

NAME: _____ PHONE # _____

CALL: _____

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$14.00	
White			\$14.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Amy Woodrick, KE4IKF or mail to:

GARS
P.O. Box 88
Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.

Thanks and 73s! -- Amy KE4IKF

MEMBERSHIP APPLICATION

RENEWAL

Applicant Signature _____ **Date** / /

GARS Appreciates these fine sponsors that support our great organization!

GWINNETT COLLISION CENTER, INC.

305 Sharon Ind. Way
Suwanee, Georgia 30024
945-0161
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Mark Holmes
Manager
KJ4VO

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Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax 770-263-9548

Mark KJ4VO

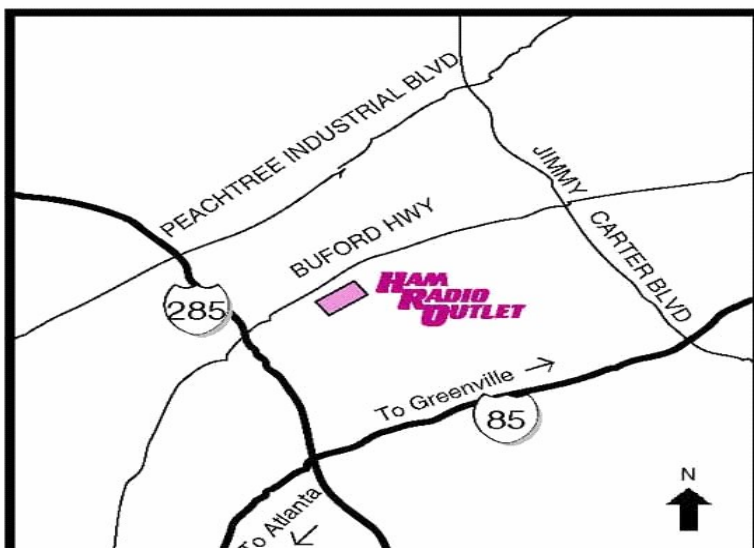
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KLM
Larsen
M2
Premier
Valor
Van Gorden

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



To receive the **Garzette** via e mail contact, please contact the membership chairman

Saturday Morning

Breakfast

Join us at the Golden Coral
on Riverside Drive in

Lawrenceville at 7:30 a.m.

Next Meeting

Tuesday, September 11

The Meetings are on the
Second Tuesday of the
month 7:30pm at the
St Marguerite
D'Youville Church,

85 Gloster Rd NW,

Lawrenceville, GA 30044.
Just off Highway 29 SW of
Lawrenceville.

Directions on the Web
site.

<http://www.gars.org>

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**References available upon Request